

QUESTIONNAIRE I: CONSEQUENCE ASSESSMENT MODELS

SPECIFIC CHARACTERISTICS

PART F: HEALTH CONSEQUENCE SUBMODEL TYPE

MODEL NAME:

Identify all applicable algorithms that treat the community exposure effects. Describe the model algorithm next to the appropriate type(s) listed.

1	<p>For Chemical Consequence Assessment Models <i>(describe which type of exposure criteria are used for assessment of human health effects from exposure to hazardous chemicals)</i></p>	<p>a. <u>Health effects:</u> ___ fatalities ___ cancers ___ latent cancers ___ symptom onset</p>
		<p>b. <u>Health criteria:</u> ___ IDLH ___ STEL ___ TLV ___ TWA ___ ERPG ___ TEEL ___ AEGL ___ WHO</p>
		<p>c. <u>Zones with flammable limits:</u> ___ UFL ___ LFL</p>
		<p>d. <u>Blast overpressure regions:</u></p>
		<p>e. <u>Fire radiant energy zones:</u></p>
		<p>f. <u>Risk qualification:</u></p>
		<p>g. <u>Concentration:</u> ___ single value ___ time-history ___ integrated dose</p>
		<p>h. <u>Probits:</u></p>

2	For Radiological Consequence Assessment Models <i>(describe type of exposure criteria used for assessment of human health effects from exposure to radionuclides)</i>	<p>a. <u>Cloudshine:</u> <input type="checkbox"/> finite cloud <input type="checkbox"/> semi-finite cloud <input type="checkbox"/> other</p> <p>b. <u>Groundshine:</u> <input type="checkbox"/> short-term <input type="checkbox"/> long-term</p> <p>c. <u>Inhalation:</u> <input type="checkbox"/> short-term <input type="checkbox"/> long-term <input type="checkbox"/> Total effective dose equivalent <input type="checkbox"/> Uptake of respirable fraction of particle spectra</p> <p>d. <u>Resuspension:</u> <input type="checkbox"/> short-term <input type="checkbox"/> long-term <input type="checkbox"/> Anspaugh</p> <p>e. <u>Food/Water Ingestion:</u> <input type="checkbox"/> dynamic <input type="checkbox"/> static</p>
		<p>f. <u>Skin dose:</u> <input type="checkbox"/> absorption <input type="checkbox"/> other</p>
		<p>g. <u>Dose assessment:</u> <input type="checkbox"/> ICRP-60 criteria <input type="checkbox"/> organs <input type="checkbox"/> pathways</p>
		<p>h. <u>Health effects:</u> <input type="checkbox"/> early <input type="checkbox"/> latent</p>

3	<p>For Weapons Consequence Assessment Models <i>(describe which type of exposure criteria are used for assessment of human health effects from exposure to biological or chemical weapons)</i></p>	<p>a. <u>Health effects:</u> ___ fatalities ___ cancers ___ latent cancers ___ symptom onset</p> <hr/> <p>b. <u>Health criteria:</u> ___ IDLH ___ STEL ___ TLV ___ TWA ___ ERPG ___ TEEL ___ AEGL</p> <hr/> <p>c. <u>Risk quantification:</u></p> <hr/> <p>d. <u>Concentration:</u> ___ single value ___ time-history ___ integrated dose</p> <hr/> <p>e. <u>Probits:</u></p>
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